Figure 1 (Prior Art)

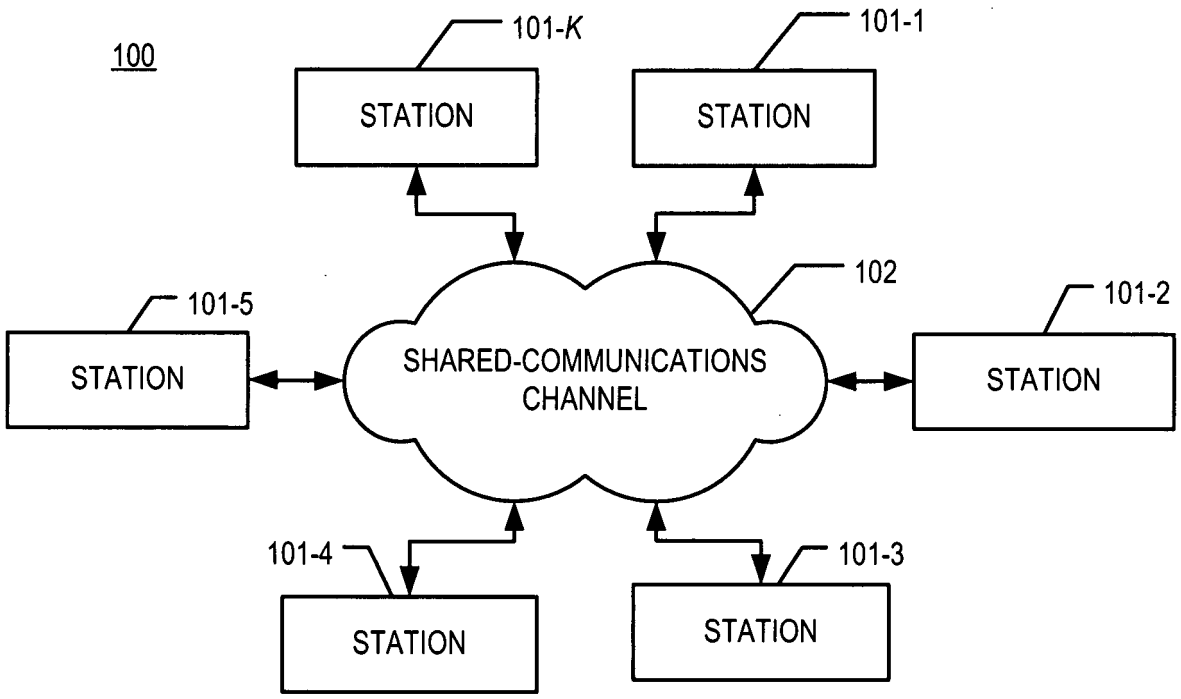


Figure 2

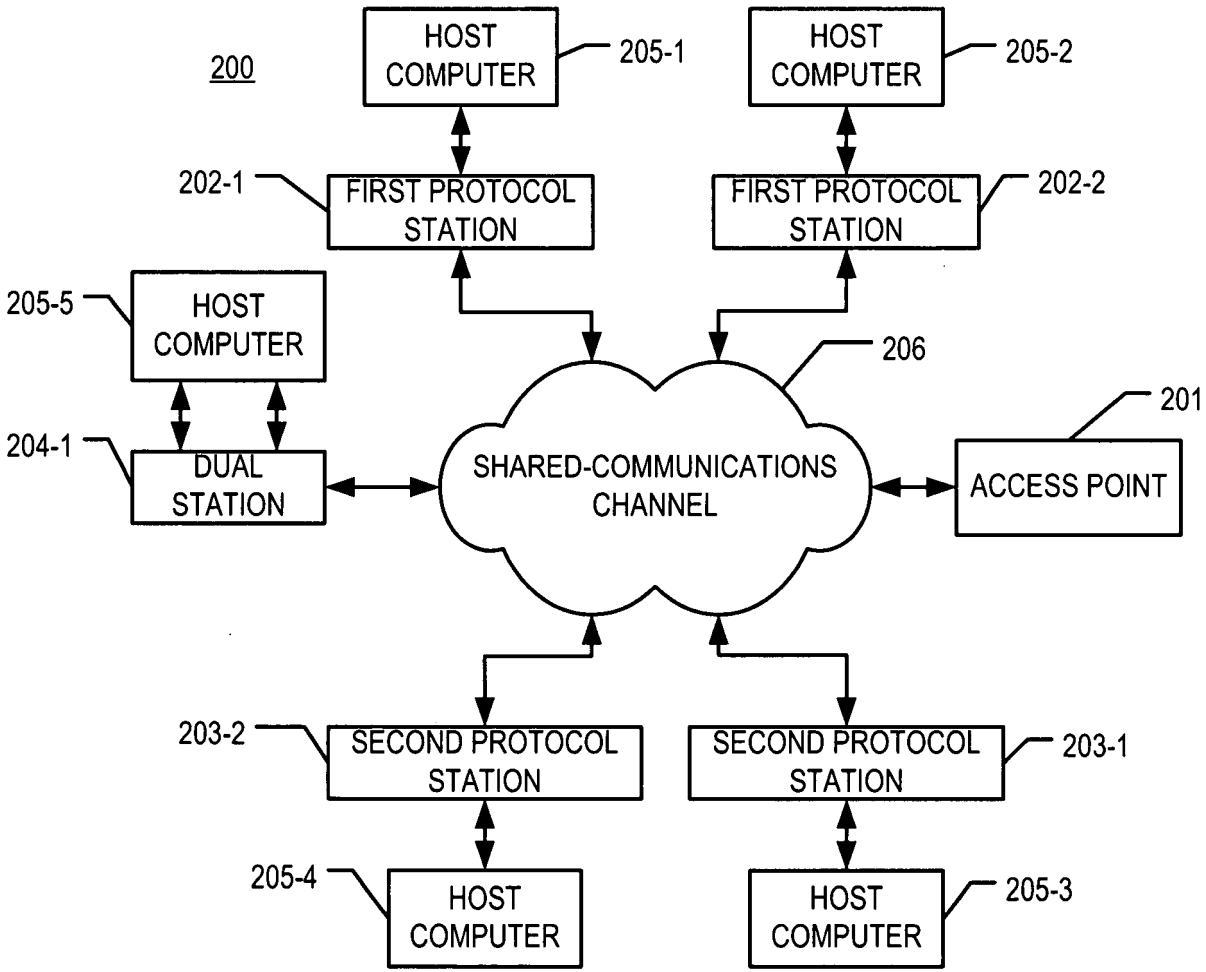

200
HOST COMPUTER
205-1
HOST COMPUTER
205-2
202-1
FIRST PROTOCOL STATION
FIRST PROTOCOL STATION
202-2
205-5
HOST COMPUTER
206
201
204-1
DUAL STATION
SHARED-COMMUNICATIONS CHANNEL
ACCESS POINT
203-2
SECOND PROTOCOL STATION
SECOND PROTOCOL STATION
203-1
205-4
HOST COMPUTER
HOST COMPUTER
205-3

Figure 3

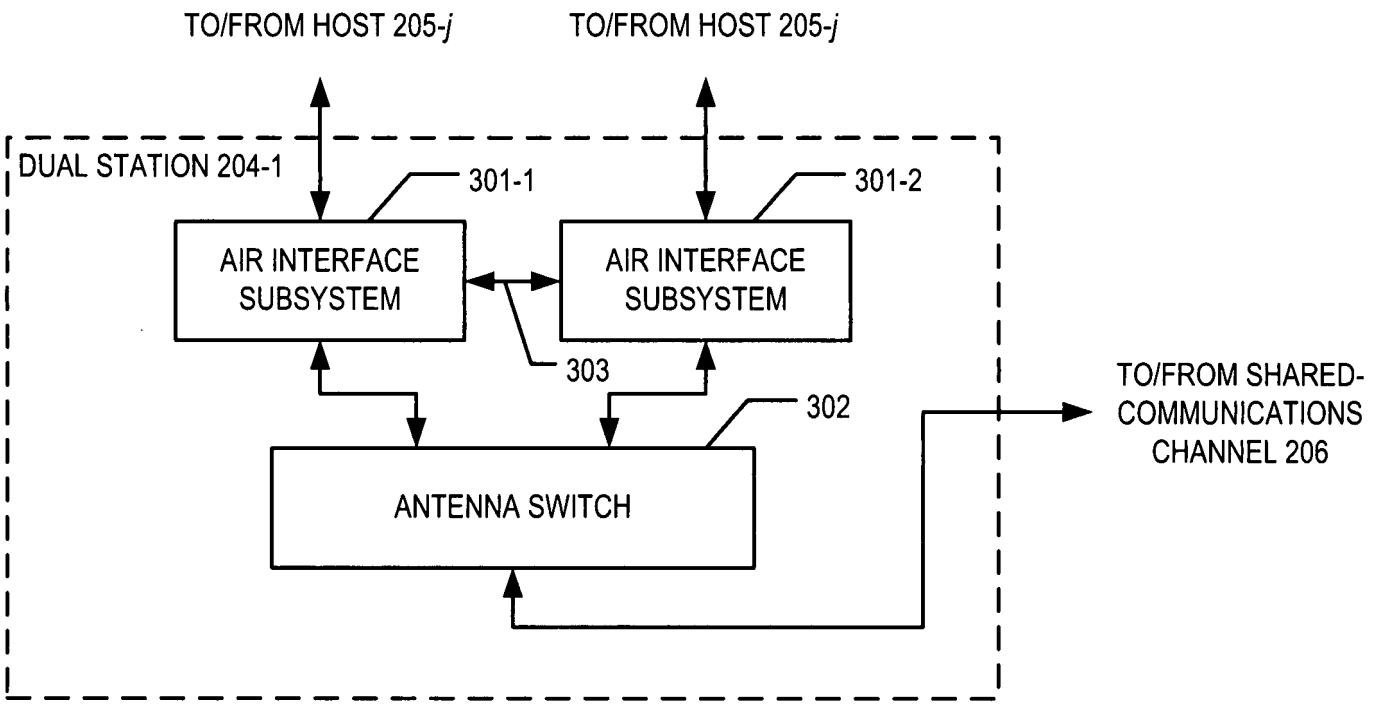

TO/FROM HOST 205-j
TO/FROM HOST 205-j
DUAL STATION 204-1
301-1
301-2
AIR INTERFACE SUBSYSTEM
AIR INTERFACE SUBSYSTEM
303
302
ANTENNA SWITCH
TO/FROM SHARED-COMMUNICATIONS CHANNEL 206

Figure 4

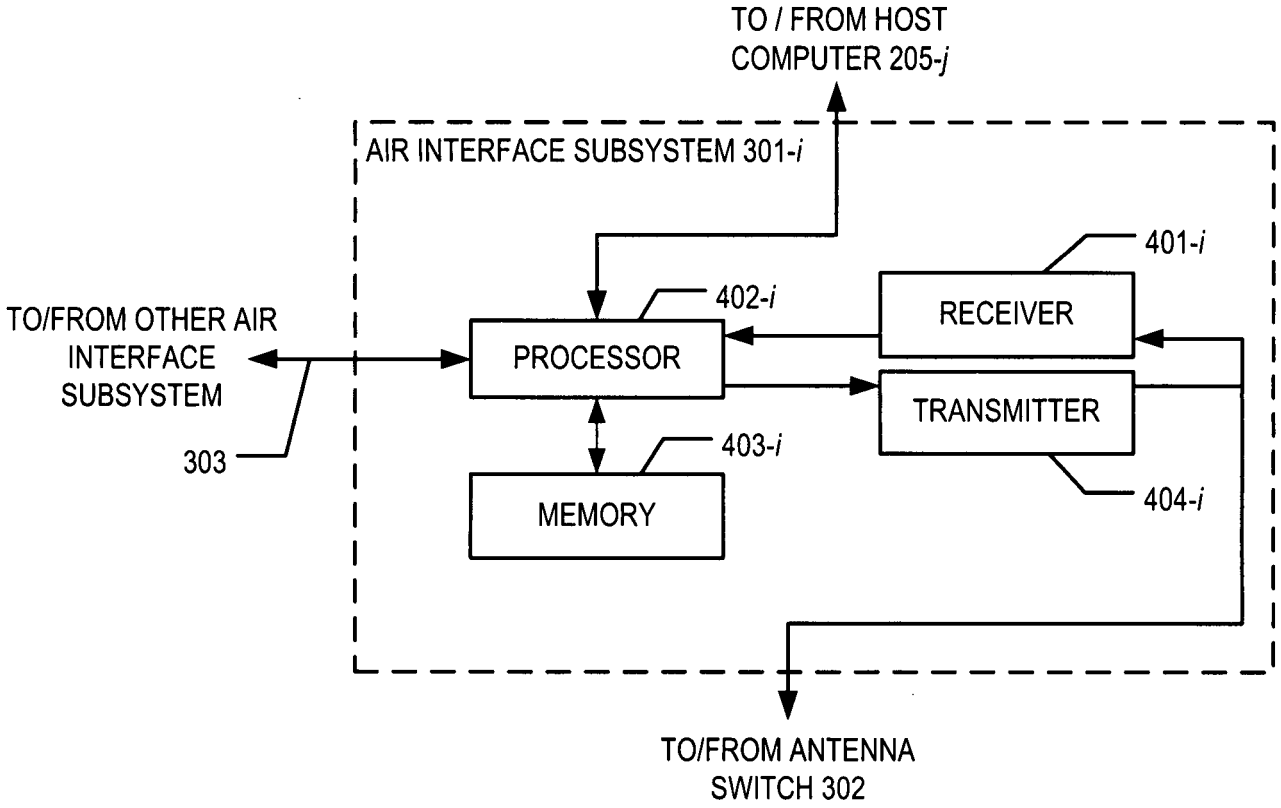

TO / FROM HOST
COMPUTER 205-j
AIR INTERFACE SUBSYSTEM 301-i
401-i
402-i
RECEIVER
TO/FROM OTHER AIR
INTERFACE
SUBSYSTEM
PROCESSOR
TRANSMITTER
303
403-i
MEMORY
404-i
TO/FROM ANTENNA
SWITCH 302

Figure 5

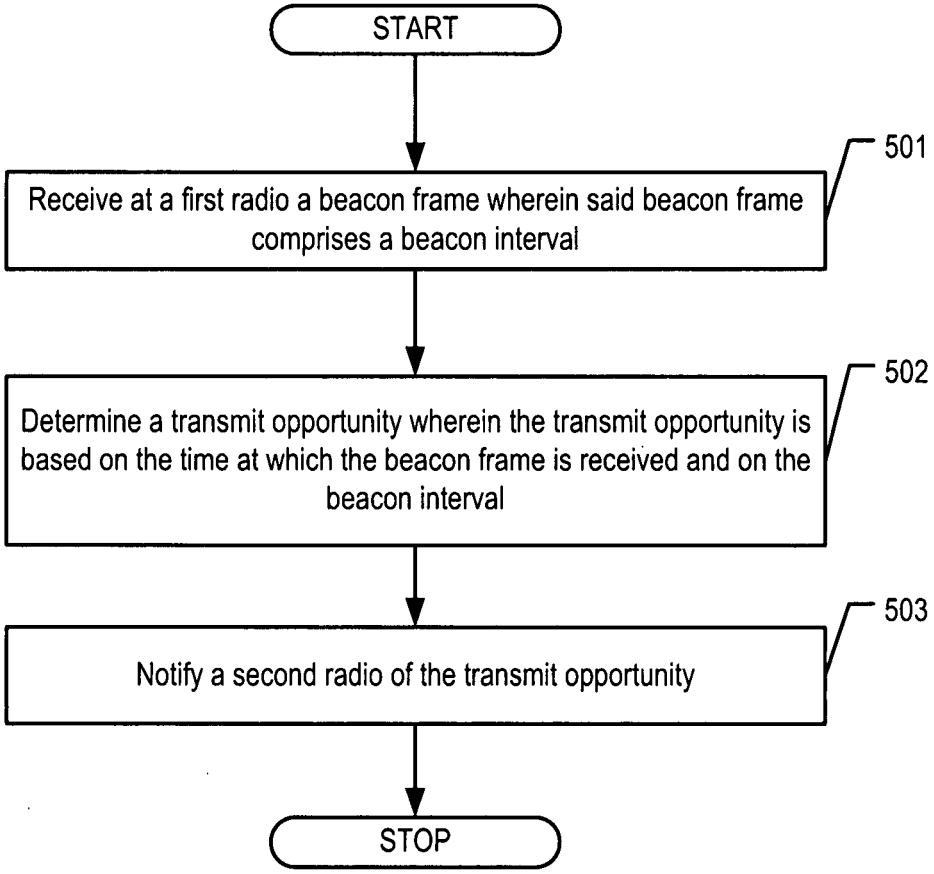

START
Receive at a first radio a beacon frame wherein said beacon frame comprises a beacon interval
501
Determine a transmit opportunity wherein the transmit opportunity is based on the time at which the beacon frame is received and on the beacon interval
502
Notify a second radio of the transmit opportunity
503
STOP

Figure 6

Docket 680-063us

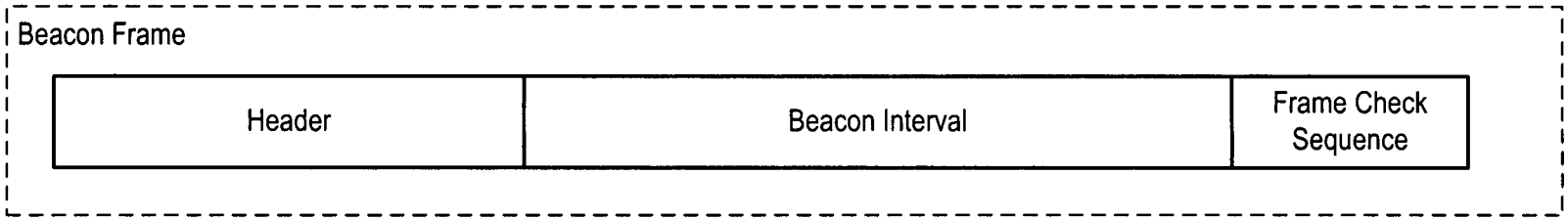


Figure 7

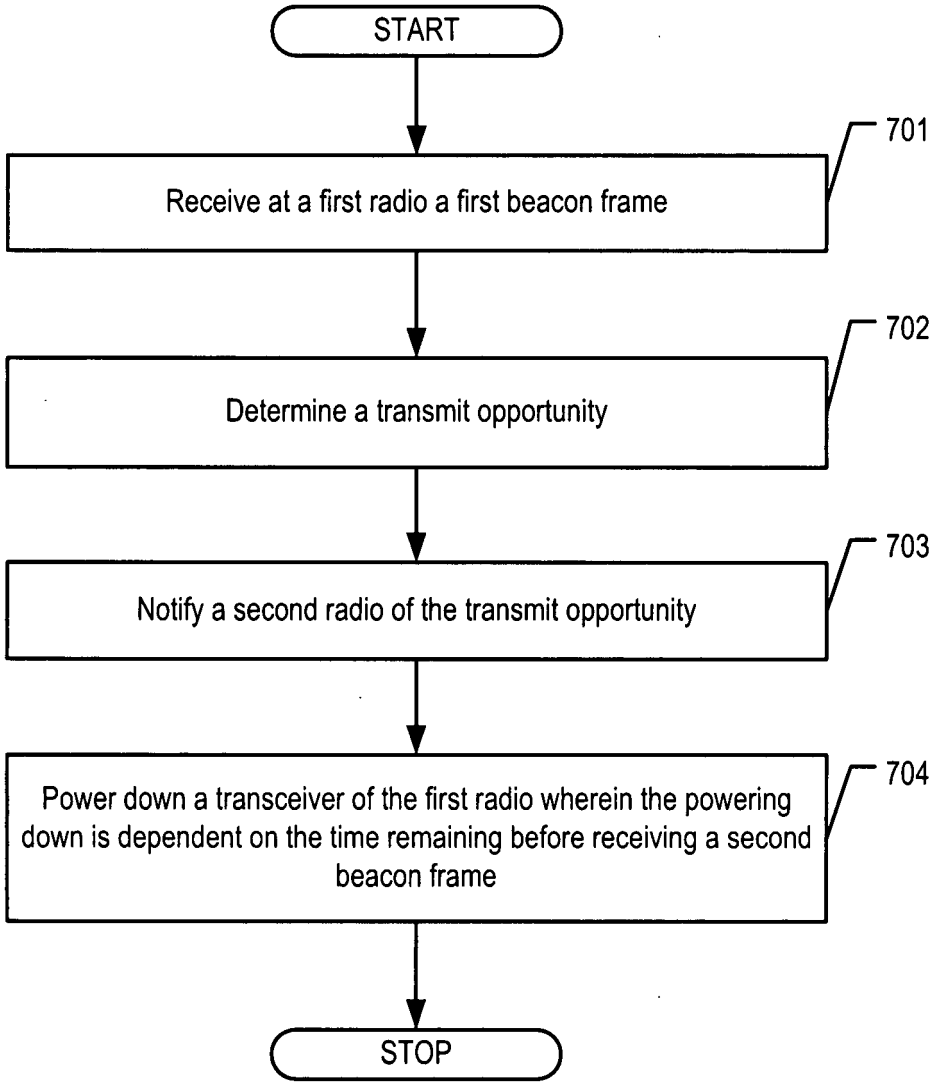

START
Receive at a first radio a first beacon frame
701
Determine a transmit opportunity
702
Notify a second radio of the transmit opportunity
703
Power down a transceiver of the first radio wherein the powering down is dependent on the time remaining before receiving a second beacon frame
704
STOP

Figure 8

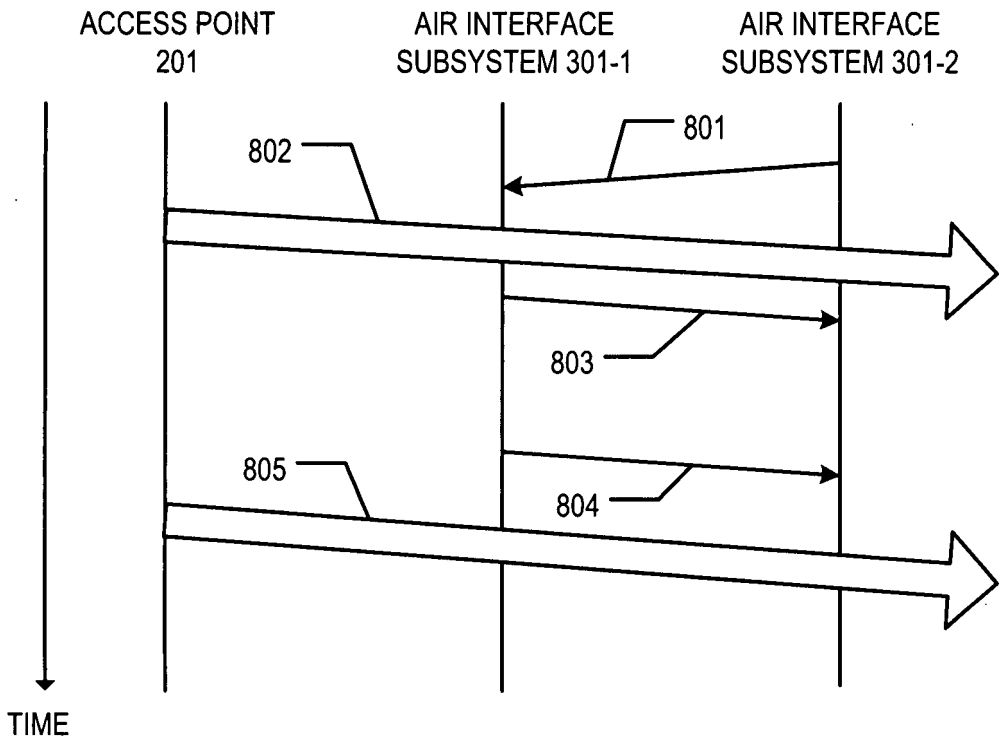
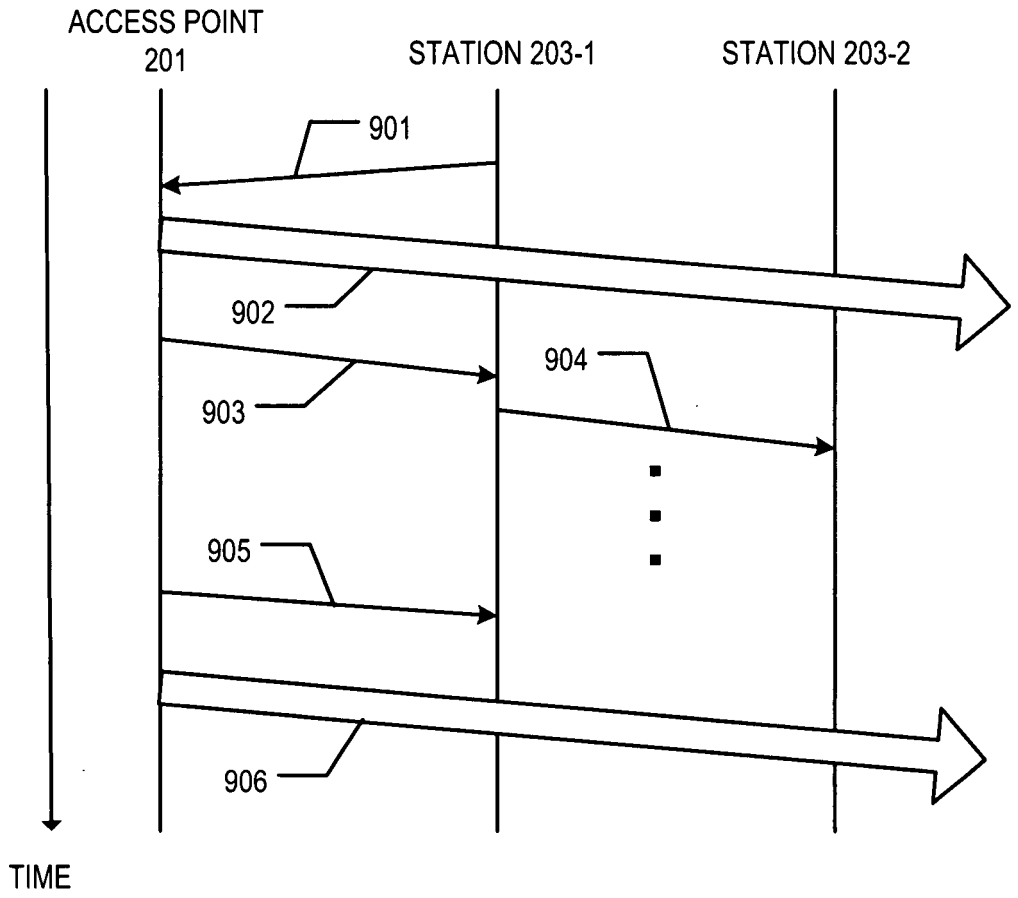

ACCESS POINT
201
AIR INTERFACE
SUBSYSTEM 301-1
AIR INTERFACE
SUBSYSTEM 301-2
801
802
803
804
805
TIME

Figure 9


ACCESS POINT
201
STATION 203-1
STATION 203-2
901
902
903
904
905
906
TIME